VIPER®

COMPACT BINOCULARS

VORTEX OPTICS

Please read the entire manual before using your new optic.

Basic Operation

Adjust the eyecups

The eyecups on the Viper® compact binocular twist up and down so any viewer can see the full field and enjoy comfortable viewing—with or without eyeglasses.

When not using eyeglasses or sunglasses, keep the eyecups fully extended. For the best viewing when viewing through eyeglasses, twist eyecups down.

Adjust the interpupillary distance

The interpupillary distance (IPD) is the distance between the centers of the left and right eye pupils. Match the IPD of your eyes to that of the binocular so that you see a single image that is free of shading.

Distance between the centers of the ocular lenses.

Rotate the binocular barrels inward or outward to line your eyes up with ocular lenses.

Properly focus the binocular

For the best views, follow this two-step process to properly adjust the center focus and diopter. Choose an object that is about 20 yards away from you and stay in the same spot until you have adjusted the binocular for your eyes.

1. **Adjust the center focus**—start by closing your right eye or covering the right objective lens with your hand. Focus your left eye on the object and adjust the center focus wheel until the image is in focus. Leave the center focus in this position as you adjust the diopter.

2. **Adjust the diopter**—start by closing your left eye or covering the left objective lens with your hand. Look through your right eye and adjust the diopter ring (found on the right eyepiece) until the object is in focus. Make note of this diopter setting in case you need to set it again. From this point on, you will only need to use the center focus wheel.

Accessories

Carry Case

The Viper's protective case provides safe storage between viewing sessions. The carry strap is already attached to the case.

Lens Covers

The Viper comes with a rainguard for the ocular lenses and tethered objective lens covers. Use these covers to protect the lenses whenever you are not viewing.

Neckstrap

Securely attach your binocular to the binocular strap:

1. Thread the end of the strap from the bottom and up through the strap attachment loop.

2. Hold the buckle and thread the end of the strap through the buckle.

3. Adjust the overall length and pull the strap webbing tight so it is secure within the buckle.

Note: Please ***do not*** thread a metal ring directly onto the strap attachment loop when attaching rings or clips for other after-market equipment. Instead, use nylon zip ties according to the manufacturer's instructions.

Lens Care

Maintain the optical brilliance by keeping lens surfaces free of dirt, oils, and dust.

Protect lenses while out in the field

Use the provided cover to protect the lenses. If the optics are exposed to moisture, keep the cover off and allow the optics to dry out completely before putting in the case for storage.

Keep lenses clean

In order to enjoy the best views through your Viper binocular, take time to regularly clean the exterior lenses:

1. **Remove any dust or grit from lenses before wiping.** Use a can of pressurized air, soft camel hair brush, or an acrylic optical brush.

2. **Clear lenses of smudges, fingerprints, or eyelash oil.** Fog the lenses with your own breath, then use a non-abrasive lens cloth to clean the lenses.

Note: Use lens cleaning fluid and optical paper to clean lenses. Never use facial tissue, heavy cotton, or flannel clothing on lenses—these materials can scratch the surface of a lens.

Caution: Binoculars are not intended for looking at the sun, or any other intense light source. Such viewing could damage the retina and cornea of your eyes—even to the point of causing blindness.

The VIP Warranty

We build optics based on our commitment to your absolute satisfaction. That's why Vortex products are unconditionally guaranteed and we make this Very Important Promise to you—a Very Important Person.

Rest assured that in the event your Viper binocular becomes damaged or defective, Vortex Optics will repair or replace the binocular at no charge to you. Call Vortex Optics at 800-426-0048 for prompt, professional, and friendly service.

VIP WARRANTY
UNLIMITED UNCONDITIONAL
Lifetime Warranty

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2120 West Greenview Drive
Middleton, WI 53562
service@vortexoptics.com

Visit ***www.vortexoptics.com*** for more information. Canadian customers may visit ***www.vortexcanada.net*** for customer service information.

Note: The VIP warranty does not cover theft, loss, or deliberate damage to the product.

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#BIN-VPR-C-13A

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